

T-49 BENTEC E-1250-DC

TECHNICAL OVERVIEW

Rating	1,250 HP	933 kW
Hook load	596,000 lbs @ 10 lines	270 t
Drilling depth theoretical	14,000 ft	Approx. 4,250 m

Refurbished in 2008

MAST

Type	Pyramid 142' x 21' Cantilever, vertical erection	
Height	142 ft	43.3 m
Hook load	612,000 lbs @ 12 lines	277 t

SUBSTRUCTURE

Type	Pyramid swing-up	
Height	22 ft	6.7 m
Casing load	530,000 lbs	240 t
Setback load	350,000 lbs	160 t

DRAWWORKS

Type	Bentec E-1250-DC	
Horsepower rating	1,250 HP	933 kW
Max. line pull	75,500 lbs	34.2 t
Drilling line diameter	1 1/4"	32 mm
Auxiliary brake	Bentec EB-5032-A	

TOP DRIVE

Type	Varco TDS-11SA	
Capacity	1,000,000 lbs	454 t
Torque	37,500 ft. lbs	50,842 Nm

ROTARY TABLE

Type	National C-375	
Table opening	37 1/2"	952.5 mm

IRON ROUGHNECK

Type	NOV Iron Roughneck ST-80	
-------------	--------------------------	--

DRIVE GROUP

Engine type	MWM TBD 620 V 16	
Horsepower rating	3 x 2,012 HP	1500 kW
Generator type	Piller NKT 2500-4S	
Generator rating	3 x 2,500 kVA	
SCR-Unit	Bentec SCR	



MUD SYSTEM

Mud pump type	2 x National 14-P-200	
Horsepower rating	2 x 2,000 HP	
Standpipe pressure	5,000 psi	350 bar
Active mud system	815 bbl	130 m ³
Reserve mud system	940 bbl, 4 silos	150 m ³
Shale shaker type	3 x Thule VSM 300 elliptical	

BOP EQUIPMENT

Depending on the requirements	All specified acc. to API 16A	
--------------------------------------	-------------------------------	--

ADDITIONAL INFORMATION

Soundproofed Equipment:

Rig Floor, Generators, Mud Pumps, Helical gear for TDS, Top Drive Sound protection

Drawworks features:

Disk Brake, 4-Q-System with Joystick operation, Anti Collision System (ACS), Automatic Driller System

Power Supply:

Diesel Engine Driven or/and Grid-Power Supply with Transformer

Certification: ATEX & CE

Miscellaneous:

- Air Conditioned Driller Cabin with Bentec InfoDrill & CCTV
- Skidding System